

WE CLAIM:

- Sub B1
1. Apparatus for transmitting network-related information, comprising:
means for receiving a request for first network information;
means for retrieving first network information having interactive elements;
means for analyzing the first network information and creating second network information comprising definitions based on characteristics of the interactive elements; and
means for transmitting the second network information and the definitions.
2. The apparatus according to claim 1, wherein the means for receiving a request includes:
means for capturing session information related to the request.
3. The apparatus according to claim 1, wherein the means for retrieving network information includes:
means for accessing the Internet.
- Sub B2 1
4. The apparatus according to claim 1, wherein the means for transmitting includes:
means for translating the second network information from a first format to a second format.

The apparatus according to claim 1, further comprising:
means for receiving user requests related to the definitions.

means for receiving user requests related to the definitions.

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Sub B3

7. A method for transmitting network-related information, comprising:
retrieving first network information having interactive elements;
analyzing the first network information and creating second network information and
definitions based on characteristics of the interactive elements; and
transmitting the second network information and the definitions.

8. The method according to claim 7, wherein the step of receiving a request includes:
capturing session information related to the request.

Sub C

The method according to claim 7, wherein the step of retrieving network information
includes the substep of:
accessing the Internet.

Sub B4

10. The method according to claim 7, wherein the step of transmitting includes the substep
of:
translating the second network information from a first format to a second format.

11. The method according to claim 7, wherein the step of transmitting includes the substeps
of:
transmitting the definitions on a first path; and
transmitting the second network information on a second path.

Sub
C7

12. The method according to claim 7, further comprising the step of:
receiving user requests related to the definitions.

Sub
C7
13. A system for handling network information transfer between a network and a user device, comprising:

means for receiving a network request from a user device for first network information;

means for retrieving the first network information;

means for processing the first network information to create second network information comprising a user interface element definition and display information;

means for transmitting the second network information over a communications media;

and

means for receiving the second network information and recomposing the second network information to form third network information for the user device.

Sub
C7
14. The system according to claim 13, wherein the means for receiving a request for first network information includes:

means for capturing session information regarding the request.

Sub
C7
15. The system according to claim 13, wherein the means for retrieving network information includes:

means for accessing the Internet.

Sub 6 7
16. The system according to claim 13, wherein the means for transmitting includes:
means for translating the second network information from a first format to a second
format.

17. The system according to claim 13, wherein the means for transmitting includes:
first path means for transmitting the definitions; and
second path means for transmitting the second network information.

Sub 6 7
18. The system according to claim 13, further comprising:
means for receiving a user request related to the definitions.

19. The system according to claim 18, wherein the means for receiving a user request related
to the definitions includes:
means for recomposing the third network information in response to the user request
related to the definitions.

20. The system according to claim 18, wherein the means for receiving a user request related
to the definitions includes:
means for transmitting information related to the user request related to the definitions to
the means for receiving a request.

Sub B7 7 21. The system according to claim 13, wherein the means for transmitting the second network information over a communications media includes:

means for transmitting second network information to a first user device; and
means for transmitting second network information to a second user device.

Sub C7 22. The system according to claim 13, further comprising:

means for receiving a user request from a first user device; and
means for receiving a user request from a second user device.

23. The system according to claim 22, wherein the means for receiving a request for first network information includes:

means for capturing session information for a single user regarding the user request from the first user device and the user request from the second user device.

24. The system according to claim 23, wherein the means for capturing session information includes:

means for capturing bookmark information.

Sub C7
25. A method for handling network information transfer between a network and a user device, comprising:

receiving a network request from a user device for first network information;

retrieving the first network information;

processing the first network information to create second network information comprising a user interface element definition and display information;

transmitting the second network information over a communications media; and

receiving the second network information and recomposing the second network information to form third network information for the user device.

Sub B8
26. The method according to claim 25, wherein the step of receiving a request for first network information includes a substep of:

capturing session information regarding the request.

Sub C7
27. The method according to claim 25, wherein the step of retrieving network information includes a substep of:

accessing the Internet.

Sub B9
28. The method according to claim 25, wherein the step of transmitting includes a substep of:
translating the second network information from a first format to a second format.

29. The method according to claim 25, wherein the step of transmitting includes substeps of:

transmitting the definitions over a first path; and
transmitting the second network information over a second path.

Sub
C7 30. The method according to claim 25, further comprising:
receiving a user request related to the definitions.

31. The method according to claim 30, wherein the step of receiving a user request related to the definitions includes a substep of:
recomposing the third network information in response to the user request related to the definitions.

32. The method according to claim 30, wherein the step of receiving a user request related to the definitions includes a substep of:
transmitting information related to the user request related to the definitions over the communications media.

33. The method according to claim 25, further comprising:
receiving a user request from a first user device; and
receiving a user request from a second user device.

34. The method according to claim 33, wherein the step of receiving a request for first network information includes a substep of:

36. Apparatus for requesting and receiving network information, comprising:
means for receiving a user interface element definition related to a network information request;
means for receiving first network information related to the interface element definition and the request;
means for recomposing using the user interface element definition and the network information to form device information;
means for presenting the device information to the device.

37. The apparatus according to claim 36, further comprising:
means for receiving the network information request;
means for transmitting the request.

38. The apparatus according to claim 37, wherein the means for recomposing includes:
means for receiving user request information from the means for receiving the network information request, and recomposing the device information based on the user request.

39. The apparatus according to claim 36, wherein the user interface element definition includes:
definitions of Web page user interface graphics.

41. A method for requesting and receiving network information, comprising:
receiving a user interface element definition related to a network information request;
receiving first network information related to the interface element definition and the
request:

recomposing using the user interface element definition and the network information to
form device information;
presenting the device information to the device.

42. The method according to claim 41, further comprising the steps of:
receiving the network information request;
transmitting the request.

43. The method according to claim 42, wherein the step of recomposing includes a substep
of:
receiving user request information and recomposing the device information based on the
user request.

44. The method according to claim 41, wherein the user interface element definition includes:
definitions of Web page user interface graphics.

45. The method according to claim 41, wherein the network information includes:
MPEG information.